U.S. Department of Labor

Derived from form no. OSHA-20

Occupational Safety & Health Administration (OSHA) MATERIAL SAFETY DATA SHEET

Section I Mfg. Name: LPS RESEARCH LABORATORIES

Address: 2050 Cotner Avenue, Los Angeles, California 90025

Emergency Telephone No. (213) 478-0095

Trade Name and Synonyms:	LPS Instant Contact Cleaner Aerosol & Bulk	LPS Instant Super Cleaner Aerosol & Bulk	LPS ESA-100 Bulk	
Formula:	Proprietary Proprietary	Proprietary	Proprietary	
	Trophetary	Troprietary	Troprietary	
Section II HAZARDOUS				
INGREDIENTS				
Solvents	(100%) Toxicity — 1000 PPM	(100%) TWA	Solid	
Hazardous Mixtures other		300 PPM		
Liquids	Non-Toxic	Toxicity Rating MAC-500 PPM	Not Applicable	
Section III				
PHYSICAL DATA				
Boiling Point (°F.)	118° F.	172° F.	Not Applicable	
Water Soluble	No	No	No	
Specific Gravity (H ₂ O=1)	1.565	1.386	.880 Approx.	
Percent Volatile	100%	100%	None	
Appearance	Clear, pleasant odor	Clear, pleasant odor	Brown, paste-type with pleasant waxy odor	
Section IV			waxy odol	
FIRE AND EXPLOSION		in the season of		
HAZARD DATA Flash Point	Non-Flammable	Non Elements	Catid In a Start mains)	
Extinguishing Media	Non-Flammable	Non-Flammable	Solid (no flash point) Fire point=525° F.	
Unusual Fire & Explosive		the property stages of the contract of the contract of	rife point=525 F.	
Hazards	Non-Explosive	Non-Explosive	None	
_ection V				
HEALTH HAZARD DATA				
Time Weighted Average				
(TWA)	500 PPM	300 PPM		
Effects of Over Exposure	Not Applicable	Nausea, watering of eyes	Nausea	
First Aid Procedures	, vot ripplicable	Wash out eyes. If swallowed,	If swallowed, do not induce	
		do not induce vomiting,	vomiting, call a physician	
Caratani NO		call a physician		
Section VI REACTIVITY DATA				
Incompatibility			Fire and insense have	
Hazardous Decomposition	Alex A majoral da		Fire and intense heat	
Hazardous Decomposition	Not Applicable	Usual hazards with chlorinated	Products that result from	
Section VII		hydrocarbons	decomposition of waxes	
SPILL OR LEAK				
PROCEDURES	Keep away from children	Keep away from children	Keep away from children	
Steps to be taken	Evaporates completely	Evaporates completely	Clean up with detergent or	
	in seconds	in minutes	solvent	
Waste Disposal Method	Evaporates completely	Evaporates completely	Normal methods for disposing	
Section VIII			of hydrocarbons	
SPECIAL PROTECTION				
INFORMATION	u ne			
Respiratory Protection	Use with plenty of ventilation	Use with plenty of ventilation	None required	
Section IX			and the second s	
SPECIAL PRECAUTION				
Handling and Storing	Store aerosols below 120° F.	Store aerosols below 120° F.	Store away from fire or	
		2.2.0 00.000.0 00.000 120 12.	intense heat	
Other Precautions	Do not incinerate aerosol cans.	Do not incinerate aerosol cans.	Keep away from children	
	Keep away from children	Keep away from children	roop away none children	
		The second secon		

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Section I Mfg. Name: LPS RESEARCH LABORATORIES

Address: 2050 Cotner Avenue, Los Angeles, California 90025

Trade Name and Synonyms:	LPS #1 & #25 Aerosols & Bulk	LPS #2 Aerosols & Bulk	LPS #3 Aerosols & Bulk	LPS Instant Cold Galvanize Aerosols & Bulk
Formula:	Proprietary	Proprietary	Proprietary	Proprietary
Section II				
HAZARDOUS				
INGREDIENTS	•			(Agraeale 45%
Solvents	(80%) TWA	(70%) TWA	(60%) TWA	Toluol {Bulk 10%
	300 PPM	300 PPM	300 PPM	CBUIK 10%
				(Aerosols 50%
Administration of the second	•			Zinc Bulk 85%
Metallic Coatings				Higher after drying
				Migner after drying
Section III	•			
PHYSICAL DATA				
Boiling Point (°F.)	300° F.	325° F.	300° F.	230° F.
Water Soluble	No	No	No	No
Specific Gravity (H ₂ O=1)	.800 Approx.	.820 Approx.	.830 Approx.	
Percent Volatile	80%	70%	60%	Aerosols 45% Bulk 10%
Appearance	Clear, thin greaseless with	Brown, thin greaseless	Brown, thin waxy liquid	Battleship gray liquid
	a sweet odor	with a sweet odor	with a sweet odor	
Section IV		1		
FIRE AND EXPLOSION			1	
HAZARD DATA				
Flash Point	180° F. (T.O.C.)	145° F. (T.O.C.)	155° F. (T.O.C.)	110° F. (T.O.C.)
				Foam, Carbon Dioxide,
Extinguishing Media	Usual extinguishing	Usual extinguishing	Usual extinguishing	
	media for hydrocarbons	media for hydrocarbons	media for hydrocarbons	Dry Chemicals
usual Fire & Explosive				
mazards	Usual nazards with	Usual hazards with	Usual hazards with	Vapor forms low flash
	hydrocarbons	hydrocarbons	hydrocarbons	point - usual hazards
	,	.,,		with toluene
Section V				
HEALTH HAZARD DATA				
TWA				
Time Weighted Average	300 PPM	300 PPM	300 PPM	200 PPM
Effects of Over Exposure	Nausea, watering of eyes	Nausea, watering of eyes	Nausea, watering of eyes	Nausea, watering of eyes
First Aid Procedures	Wash out eyes, do not	Wash out eyes, do not	Wash out eyes, do not	Wash out eyes, do not
	induce vomiting if	induce vomiting if	induce vomiting if	induce vomiting if
	swallowed, call physician	swallowed, call physician	swallowed, call physician	swallowed, call physician
Section VI				
REACTIVITY DATA				
Incompatibility	Fire and intense heat	Fire and intense heat	Fire and intense heat	Fire and intense heat
Hazardous Decomposition				
Products	Products that result from	Products that result from	Products that result from	Products that result from
	decomposing of	decomposing of	decomposing of	decomposing of
	hydrocarbons	hydrocarbons	hydrocarbons	hydrocarbons and zinc
Section VII	illy drocal bolls	Try drocar bons	Try drocar borns	Try drocar bons and zinc
SPILL OR LEAK				
PROCEDURES		p		
Steps to be taken	Keep away from fire and	Keep away from fire and	Keep away from fire and	Keep away from fire and
	children, clean up with	children, clean up with	children, clean up with	children, clean up with
	solvent	solvent	solvent	solvent
Waste Disposal Method	Normal methods for dis-	Normal methods for dis-	Normal methods for dis-	Zinc method
	posing of hydrocarbons	posing of hydrocarbons	posing of hydrocarbons	
Section VIII			, , , , , , , , , , , , , , , , , , ,	
SPECIAL PROTECTION			and the second of the second	
INFORMATION				
*spiratory Protection	Use with plenty of	Use with plenty of	I lea with planty of	Llea with alante of
Aphilatory Protection		ventilation	Use with plenty of	Use with plenty of
Soution IV	ventilation	ventilation	ventilation	ventilation
Section IX				1
SPECIAL PRECAUTION	000			ladi wa kata wa wata wa wata wa wata wa wata wa
Handling and Storing	Store aerosols below 120°F.	Store aerosols below 120°F.	Store aerosols below 120°F.	Store aerosols and bulk
	Store bulk below 180°F.	Store bulk below 145°F.	Store bulk below 155°F.	below 120°F.
Other Precautions	Do not incinerate aerosol	Do not incinerate aerosol	Do not incinerate aerosol	Do not incinerate aerosol
	cans. Keep away from	cans. Keep away from	cans. Keep away from	cans. Keep away from
	children	children	children	children